

LETTER FROM THE EXECUTIVE DIRECTOR



Why do you go to the ASPRS annual meeting? Is it to hear the talks? Maybe to give a technical presentation. Perhaps to see the exhibits. Or to roll out a new product. Some go to meet up with old friends, while others go to make new connections. Are you looking for a job? Or maybe you are an employer looking to hire. Do you go to evaluate potential acquisitions or negotiate contracts and close a deal? In each case there is the intersection of a market with a need, and that intersection occurs this year in Louisville.

Here is why I go to the ASPRS annual meeting – it's because of the *exotic locations!* No, really, have you been to Louisville before? If not, you've been missing out. Did you know that Louisville is the home of the world's only full underground zipline and ropes challenge course? Check out the Louisville Mega Cavern, a man-made cave beneath the streets that is rich in history, geology, mining, recycling, and green building technology. (Hmm... how people navigate under there?) Are you a fan of great American heroes? Then check out the Muhammad Ali Center, which features an interactive museum to inspire people to pursue greatness in their own lives, communities and countries. If it's a different type of slugging you enjoy (baseball, not boxing!), then visit the Louisville Slugger Museum and Bat Factory. ASPRS has been around almost 80 years, but these bat makers have been around for 125! And you get a free mini-bat with every tour. You could take a stroll along the "Urban Bourbon Trail" Not to mention the "unforgettable" Evan Williams Bourbon "experience". True, Louisville is not Honolulu, but it's a lot more convenient for most, it is reasonably priced, and you'll be so busy socializing and technologicalizing that there wouldn't be time for surfing even if you could. (Don't worry, dude, can still surf the internet in Louisville.) Kidding aside, discover Louisville – you might be pleasantly surprised.

Now for the real reason I go to the ASPRS annual conference – it is to keep current with emerging technologies and the people who create them. The theme this year is "geospatial power in our pockets." As you know, there is a mobile revolution going on. Sensors, geospatial systems, and intelligent maps and images are in the midst of it as key enablers. There is huge market opportunity for our members, whether they are academic researchers in search of practical application, government or industry end users seeking to employ new capabilities, or technology providers on the forefront of innovation looking for buyers. Speaking of power in our pockets, did you know that ASPRS has its own mobile app? You can download it for free from the Apple App Store and Google Play for Android. I will be using it as a guide to the conference.

Interested in some highlights of the conference? I could tell about the NGA unclassified session, but then I'd have to kill you (just kidding – it's unclassified). I really could tell you about the LiDAR and UAS talks, but I'd rather you hear them for yourself. I know of at least one new product rollout happening in Louisville, and I expect there will be others. And, we're excited to be able to link with the JACIE workshop, which brings together commercial imagery and government applications. You can pay a single registration fee for both events which are being held back-to-back, thus saving travel costs and time out of the office.

ASPRS staff have been working really hard to refresh, renew, and modernize the conference, create more opportunities for networking, and fill the exhibit hall with activity. Our members have been upping their technical game, and former members are rejoining. Times, they are a changin'. Join us to see for yourself.

Michael Hauck

Dr. Michael Hauck, ASPRS Executive Director

PHOTOGRAMMETRIC ENGINEERING & REMOTE SENSING



JOURNAL STAFF

Publisher Dr. Michael Hauck
Editor Russell G. Congalton
Technical Editor Michael S. Renfrow
Assistant Editor Jie Shan
Assistant Director — Publications Rae Kelley
Electronic Publications Manager/Graphic Artist Matthew Austin

Photogrammetric Engineering & Remote Sensing is the official journal of the American Society for Photogrammetry and Remote Sensing. It is devoted to the exchange of ideas and information about the applications of photogrammetry, remote sensing, and geographic information systems. The technical activities of the Society are conducted through the following Technical Divisions: Geographic Information Systems, Photogrammetric Applications, Lidar, Primary Data Acquisition, Professional Practice, and Remote Sensing Applications. Additional information on the functioning of the Technical Divisions and the Society can be found in the Yearbook issue of *PE&RS*.

Correspondence relating to all business and editorial matters pertaining to this and other Society publications should be directed to the American Society for Photogrammetry and Remote Sensing, 5410 Grosvenor Lane, Suite 210, Bethesda, Maryland 20814-2144, including inquiries, memberships, subscriptions, changes in address, manuscripts for publication, advertising, back issues, and publications. The telephone number of the Society Headquarters is 301-493-0290; the fax number is 301-493-0208; email address is asprs@asprs.org.

PE&RS. *PE&RS* (ISSN0099-1112) is published monthly by the American Society for Photogrammetry and Remote Sensing, 5410 Grosvenor Lane, Suite 210, Bethesda, Maryland 20814-2144. Periodicals postage paid at Bethesda, Maryland and at additional mailing offices.

SUBSCRIPTION. For the 2014 subscription year, ASPRS is offering two options to our *PE&RS* subscribers -- an e-Subscription and the print subscription. All Print subscriptions are on a calendar-year basis and run from January through December, while Electronic subscriptions run for twelve months on an anniversary basis. Ten years' worth of digital back issues of *PE&RS* will be available to online subscribers through the same portal at no additional charge. Please see the Frequently Asked Questions about our journal subscriptions. E-Subscription (digital) rate for USA and Foreign is \$600 (Single User); \$1,000 (2-5 Individual Users); \$2,000 (site License). For Canada: \$630* (Single User); \$1,050 (2-5 Individual Users); \$2,100 (Site License). Printed-Subscription rate for U.S. Mail is \$660; \$762* (Canada Airmail); \$735 (Other Foreign). *Note: Subscription rates for Canada (including postage for print) include 5% of the total amount for Canada's Goods and Services Tax (GST #135123065).

POSTMASTER. Send address changes to *PE&RS*, ASPRS Headquarters, 5410 Grosvenor Lane, Suite 210, Bethesda, Maryland 20814-2144. CDN CPM # (40020812)

MEMBERSHIP. Membership is open to any person actively engaged in the practice of photogrammetry, photointerpretation, remote sensing and geographic information systems; or who by means of education or profession is interested in the application or development of these arts and sciences. Membership is for one year, with renewal based on the anniversary date of the month joined. Membership Dues include a 12-month subscription to *PE&RS*. Subscription is part of membership benefits and cannot be deducted from annual dues. Beginning with the January 2014 issue of *PE&RS*, all members outside of the USA will receive access to the full digital edition of the journal rather than the printed copy. Dues for ASPRS Members outside of the U.S. will now be the same as for members residing in the U.S. Annual dues for Regular members (Active Member) is \$150; for Student members it is \$50 for USA and Canada; \$60 for Other Foreign (E-Journal – No hard copy for all Students); for Associate Members it is \$100 (member must be under the age of 35, see description on application in the back of this Journal). A tax of 5% for Canada's Goods and Service Tax (GST #135123065) is applied to all members residing in Canada

COPYRIGHT 2014. Copyright by the American Society for Photogrammetry and Remote Sensing. Reproduction of this issue or any part thereof (except short quotations for use in preparing technical and scientific papers) may be made only after obtaining the specific approval of the Managing Editor. The Society is not responsible for any statements made or opinions expressed in technical papers, advertisements, or other portions of this publication. Printed in the United States of America.

PERMISSION TO PHOTOCOPY. The appearance of the code at the bottom of the first page of an article in this journal indicates the copyright owner's consent that copies of the article may be made for personal or internal use or for the personal or internal use of specific clients. This consent is given on the condition, however, that the copier pay the stated per copy fee of \$3.00 through the Copyright Clearance Center, Inc., 222 Rosewood Drive, Danvers, Massachusetts 01923, for copying beyond that permitted by Sections 107 or 108 of the U.S. Copyright Law. This consent does not extend to other kinds of copying, such as copying for general distribution, for advertising or promotional purposes, for creating new collective works, or for resale.